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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Art Unit : 1642
Examiner : Christopher H. Yaen
Serial No. : 09/939,483
Filed : August 24, 2001
Inventors : Fabrice Duprat
 : Florian Lesage
 : Michel Fink
 : Michel Lazdunski
Title : FAMILY OF MAMMALIAN
 : POTASSIUM CHANNELS,
 : THEIR CLONING AND THEIR
 : USE, ESPECIALLY FOR THE
 : SCREENING OF DRUGS



35811

PATENT & TRADEMARK OFFICE

Docket No.: 1201-CIP-DIV-2-00

Confirmation No.: 3851

Dated: April 28, 2003

Attn: Application Processing Division
Customer Correction Branch
Commissioner for Patents
Washington, DC 20231

Sir:

Certificate of Mailing Under 37 CFR 1.8

For

Postcard

Request for Corrected Filing Receipt
Filing Receipt with Correction Noted in Red
Copy Of First Page Of The Application

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed Attn: Application Processing Division, Customer Correction Branch, Commissioner for Patents, Washington, DC 20231, on the date appearing below.

Name of Applicant, Assignee, Applicant's Attorney
or Registered Representative:

Piper Rudnick LLP
Customer No. 035811

By:

Date: 28 APR 2003

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REQUEST FOR CORRECTED FILING RECEIPT

Attn: Application Processing Division
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 Commissioner for Patents
 Washington, DC 20231

Sir:

We are in receipt of the official filing receipt. We note under Foreign Applications please add --FR 96/01565 02/08/1996 --. I am enclosing a copy of the filing receipt with the correction noted in red and a copy of the first page of the application.

Respectfully submitted,


T. Daniel Christenbury
Reg. No. 31,750

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FAMILY OF MAMMALIAN POTASSIUM CHANNELS, THEIR CLONING AND THEIR
USE, ESPECIALLY FOR THE SCREENING OF DRUGS

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5 Related Applications

This patent application is a continuation-in-part (CIP) of pending application serial No. 08/749,816 Lesage et al., filed in the U.S. on November 15, 1996, attorney docket No., 989.6351, entitled, "New Family of Mammalian Potassium Channels, Their Cloning And Their Use, Especially For The Screening of Drugs" which is incorporated herein by reference in its entirety, which claims the
10 priority filing date of French patent application serial No. 96/01565, filed February 8, 1996.

This application also claims the priority of provisional patent application serial No. 60/095,234, filed on August 4, 1998, attorney docket No. 989.6705, entitled "Task, a Human Background K⁺ channel to Sense External PH Variations near Physiological PH" which is also incorporated herein by reference in its entirety.

15 Background of the Invention

Field of Invention

The present invention relates to a new family of potassium channels. More specifically, the invention relates to the cloning of new human potassium channels that constitute the members of a new functional and structural group of potassium channels. The abundance of these channels and their
20 presence in a large number of tissues are such as to confer on them a fundamental role in the transport of potassium in a large number of types of cells. The properties of the channels suggest highly interesting applications in the physiology of mammals, especially humans.

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APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
09/939,483	08/24/2001	1642	355	1201-CIP-DIV-2-00	18	5	2

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IP DEPARTMENT OF PIPER RUDNICK LLP
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PHILADELPHIA, PA 19103

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IP DEPT.

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Date Mailed: 04/17/2003

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

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Applicant(s)

Fabrice Duprat, Vallauris, FRANCE;
Florian Lesage, Paris, FRANCE;
Michel Fink, La Bocca, FRANCE;
Michel Lazdunski, Nice, FRANCE;

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Assignment For Published Patent Application

Centre National De La Recherche Scientifique-CNRS;

Domestic Priority data as claimed by applicant

This application is a DIV of 09/144,914 09/01/1998 PAT 6,309,855
which is a CIP of 08/749,816 11/15/1996 PAT 6,013,470
which claims benefit of 60/095,234 08/04/1998

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Foreign Applications

FR 96/01565 02/08/1996

If Required, Foreign Filing License Granted: 10/18/2001

Projected Publication Date: Not Applicable

Non-Publication Request: No

Early Publication Request: No

Endeavor

**** SMALL ENTITY ******Title**

Family of mammalian potassium channels, their cloning and their use, especially for the screening of drugs

Preliminary Class

435

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Title 35, United States Code, Section 184
Title 37, Code of Federal Regulations, 5.11 & 5.15**

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